

19970612.qrp qrp-por0.754
 >From owner-qrp-l@Lehigh.EDU Wed Jun 11 18:06 CDT 1997
 >Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
 > by uro.theporch.com (8.8.6.Beta5/A-UX-3.0.1) with ESMTP id SAA20398
 > for <shimshon@uro.theporch.com>; Wed, 11 Jun 1997 18:06:25 -0500 (CDT)
 >Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
 > by sco.theporch.com (8.8.6.Beta5/SCO-5.0.2) with ESMTP id XAA26952
 > for <shimshon@theporch.com>; Wed, 11 Jun 1997 23:06:17 GMT
 >Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
 <34893-65474>; Wed, 11 Jun 1997 19:03:16 -0400
 >Date: Wed, 11 Jun 1997 19:03:06 EDT
 >Sender: owner-qrp-l@Lehigh.EDU
 >Precedence: bulk
 >From: qrp-l@Lehigh.EDU
 >To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 >Subject: QRP-L digest 754
 >Mime-Version: 1.0
 >Content-Type: text/plain; charset=us-ascii
 >X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
 >Message-Id: <97Jun11.190316edt.34893-65474+230@fidoii.cc.Lehigh.EDU>
 >Status: 0

QRP-L Digest 754

Topics covered in this issue include:

- 1) [21185] Re: MEGA QRP Field Day!
by Ken Lopez <kjlopez@earthlink.net>
- 2) [21186] Complete list of Sierra mods ???
by N3BJ@aol.com
- 3) [21187] Re: Complete list of Sierra mods ???
by "Brian K. Short" <KE7GH@primenet.com>
- 4) [21188] 24 Clocks and Calendars
by "Steve & Anne Ray" <sbralr@worldnet.att.net>
- 5) [21189] Re: DX-77 VERTICLE, INFO PLEASE?
by NilsBull@aol.com
- 6) [21190] Status report: ARK30 project &c
by NilsBull@aol.com
- 7) [21191] FS/TRADE: Datong Audio Filter
by timcook@erinet.com
- 8) [21192] 38s
by MSU1972@aol.com
- 9) [21193] 50/40/30 call
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 10) [21194] 50/40/30 schedule
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 11) [21195] Notes from the Wilderness: SSTs started shipping today
by svecbrdk@well.com (L.Svec,W.Burdick)

- 12) [21196] NF3I mobile noise, more help wanted
by Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
- 13) [21197] Sierra Receive signal Flutter - Help?
by tahrens1@juno.com
- 14) [21198] [Fwd: Re: NF3I mobile noise, more help wanted]
by Norm Melick <henmel@worldnet.att.net>
- 15) [21199] Vibroplex info PLSE
by tgordish@concentric.net
- 16) [21200] Re: QRP Contest Rules are Messed Up - Food for Thought
by kc5moe@juno.com (John E Hutter)
- 17) [21201] Re: Vibroplex info PLSE
by AE0Q V31RY <v31ry@ix.netcom.com>
- 18) [21202] Renewal
by Carl Pokorny <k0cb@nava-link.net>
- 19) [21203] MEGA QRP Field Day
by "Floyd Soo, W8RO" <hires@rust.net>
- 20) [21204] NorCal 40A Mods
by w_hill@ns.net (Ward Hill)
- 21) [21205] de WA5WHN/KL7 (Propagation)
by wa5whn@juno.com (Jay D Miller)
- 22) [21206] MFJ-969 Tuner
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 23) [21207] Dripless oil ?
by Bigbob97@aol.com
- 24) [21208] Yaesu FRG 7
by Jeff & Bea Hahn <jhahn@bellatlantic.net>
- 25) [21209] Re: Dripless oil ?
by Zack Lau <zlau@arrl.org>
- 26) [21210] Re: Vibroplex info PLSE
by "Bob Duckworth" <wb4mnf@atl.org>
- 27) [21211] Anyone use TNT or Carolina Windom?
by "Mark S. Adams" <msadams@acsu.buffalo.edu>
- 28) [21212] Re: Yaesu FRG 7
by "Brian K. Short" <KE7GH@primenet.com>
- 29) [21213] Re: Older TTgear Info...so far
by Steve Galchutt <N0TU@webaccess.net>
- 30) [21214] Re: Anyone use TNT or Carolina Windom?
by "Brian K. Short" <KE7GH@primenet.com>
- 31) [21215] Receiver testing ...
by mdwatt@usit.net (Marty Watt)
- 32) [21216] Sierra Warble on Receive
by tahrens1@juno.com (Tim H. Ahrens)
- 33) [21217] Re: Extending the SST Frequency Range
by svecbrdk@well.com (L.Svec,W.Burdick)
- 34) [21218] NW QRP Club Mtg this Sat.
by Bill Todd <bill@techline.com>
- 35) [21219] Re: Dripless oil ?
by "Marshall Emm" <mgemm@mtechnologies.com>

- 36) [21220] Attn: Fists members
by Scott Bauer <ke3nv@erols.com>
- 37) [21221] Re: Dripless oil ? ANSWERS!
by Ed Loranger <we6w@qsl.net>
- 38) [21222] Nils Bull Haikku site! (not QRP)
by Mark Arvidson <arvidson@swbell.net>
- 39) [21223] RE: QRP-L digest 751
by Brad Mugleston <bmug@gwl.com>
- 40) [21224] Is RS 300-ohm twinlead OK?
by "Gene A. Williamson" <genewill@ordata.com>
- 41) [21225] Found Badger toothmarks!
by n4js@amsat.org
- 42) [21226] Re: Info re qrp-l
by adams@chuck.dallas.sgi.com (Chuck Adams)

Date: Tue, 10 Jun 1997 16:19:08 -0700
From: Ken Lopez <kjllopez@earthlink.net>
To: hires@rust.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21185] Re: MEGA QRP Field Day!
Message-ID: <339DE0F2.29D5@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Floyd,

I participated in a Field Day outing about six years ago hosted by the Conejo Valley ARC, here in Southern Calif. They were 22 or 23A, all QRP, all battery. It was wild! Maybe this year you can be the biggest! They placed very high in the top 10.

The next year the mountain top site was burned in the famous Malibu fire, but I think they have been back since. Always a large group.

Good luck this year...

Ken, N6TZV

Date: Tue, 10 Jun 1997 19:28:13 -0400 (EDT)
From: N3BJ@aol.com
To: qrp-l@Lehigh.EDU
Subject: [21186] Complete list of Sierra mods ???

Message-ID: <970610192800_-1228508905@emout18.mail.aol.com>

Is there a place where this resides ? Does anyone have the details on all the "approved" mods ??

Appreciate the help

Alan, N3BJ

Date: Tue, 10 Jun 1997 23:53:50 +0100
From: "Brian K. Short" <KE7GH@primenet.com>
To: N3BJ@aol.com
Cc: QRP-1@Lehigh.EDU
Subject: [21187] Re: Complete list of Sierra mods ???
Message-ID: <3.0.1.32.19970610235350.00737d9c@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've collected some, but I'd like to know too!

>Is there a place where this resides ? Does anyone have the details on all the
>"approved" mods ??

Date: Tue, 10 Jun 1997 20:21:32 -0400
From: "Steve & Anne Ray" <sbralr@worldnet.att.net>
To: "QRP Group" <qrp-1@Lehigh.EDU>
Subject: [21188] 24 Clocks and Calendars
Message-ID: <19970611002209.AAA27386@pentium>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I really enjoyed the thread on 24 hour clocks and the review. It reminded me of a Hints and Kinks I had published in QST in Jun 92 page 64. Since I do not know the rules on copy rights I will simply explain the idea rather than repeat what was published. The problem with a lot of QS0s is that they occur late at night, when it is the next day in Zulu time, thus the QSL has the wrong date. My solution is to simply take a inexpensive LCD clock set it for Zulu time and set the date correctly then, permanently depress the button to make it show the date. One instantly has a calendar for Zulu time.

Yes, I know it not quite QRP, but it sure is handy.

73/72

Steve Ray K4JPN ex K1VKW HW-101, HW-8, SWL 30-40 and NC 38S Heath
Kit fan

Date: Tue, 10 Jun 1997 20:23:03 -0400 (EDT)
From: NilsBull@aol.com
To: ku7y@sage.dri.edu, qrp-1@Lehigh.EDU
Subject: [21189] Re: DX-77 VERTICLE, INFO PLEASE?
Message-ID: <970610202253_1653914695@emout05.mail.aol.com>

In a message dated 97-06-10 02:26:48 EDT, ku7y@sage.dri.edu (Monte Stark) writes: "A pipe and tuner will do just as well and leave enough left over to buy another little rig!! :-)"

Yep. Which is why I will never give up any of the three antoona tenners I got. Each of 'em is a real piece of work. I have a dummy load, an antenna tuner and a filter all in one of the three boxes. Some people never learn.

However, back when there was the LDG tuner buy (and I didn't have the cash then and, as fate would allow, don't now), I was tempted to get one of them auto tunin' doodads to put in a weather-tight box and sit at the base of the 22 ft chunk of fence pole that's gonna end up on top of the garage once the termites get done with it.

That way I'd have as many bands as I can listen to at once and another all-purpose antoona tennin' doodad as well.

Pipe dreams. And nowadays it ain't so much fun, that pipe dream stuff. First off, I'm getting more conservative and less hippy-fied. And then there's the problem of cash flow: the price of drugs drove me to drink.

Now where's my whiskey? (A great William S. Burroughs line, the rest of which I cannot repeat because of its generally misanthropic semantics.)

73

Nils

WB8IJN &c

. . . but I have to admit, that LDG tuner in the Sierra trick was boffo. Que pudiera gastar la lana . . .

Date: Tue, 10 Jun 1997 20:23:48 -0400 (EDT)
From: NilsBull@aol.com
To: QRP-L@Lehigh.EDU
Subject: [21190] Status report: ARK30 project &c
Message-ID: <970610202256_-228216505@emout08.mail.aol.com>

Ok gang, here's the deal:

Everyone has probably grown as tired as my family of hearing me whine about 30m this and 30m that. There must be about 5 different resurrections & destructions of 30m radios buried out by the poison ivy what's taken up residence in the raspberry bush. Fitting justice, that.

So now I'm building an ARK30. One of my colleagues at work said that it was an act of faith for me, the guy who killed an almost-tuned-up TAC1/40, to start on another S&S project. But what the hell, it's a radio; Dick & Kathy are good folks, and besides, I can't kill this one. It's got digits, fer cryin' out loud.

So I'm about four capacitors from the end of the synthesizer board. The ones that I ain't put on yet are the little SMD doodads that -- as I discovered after reading the instructions with my non-psychodelic glasses on -- are mounted on the underneath part of the board. Where I've been slobbering and trimming all day.

It's break time. Or medication time . . . I ain't sure which. But I am sure that I can't do SMD unless I've had two cups of rabbit venom and a couple cheese otters. Right now I'm waiting for the stupids to set in. Then I'll take a shower and crash for the day.

Really though, this ARK30 is pretty neat stuff so far. I've only misplaced one part, and I caught that one when the appropriate resident of that particular board spot showed up demanding room service. Or rune-sore-bees. Can't remember now. Too stupid.

What I figure I'll end up with is the 30m radio that I should have bought 3 or 4 years ago. Like when it first came out. Which is neat, 'cause having just finished off (in more ways than one) the TAC1/40 with its fancy-schmancy DAC &c stuff, this ARK30 circuit is like a trip back in time. Neat stuff. Very nifty stuff to see in a radio of this -- well, let's face it -- power/price level. But 1993 copyright date stuff all the same. Which gibber gibber gibber gibber gibber gibber gibber gibber gibber gibber gibber gibber gibber

I'm itchin' to get it finished and fixed up to play. And then I'll be wishin' that I'd bought one of those LDG tuners, like I said in another postulation

here. Whatever. I spent the cash on rollers for one of the presses . . . and this ARK30.

Maybe by the beginning of next week. Right after the local Latino Festival (which is always promoted in the anglo newspaper as "La Fiesta Latinoamericana Festival." Kinda like what I understand about some river out west being called "The [local dialect Native American word for river] River." Stupid gringos. C'mon, man. Let's go mess with the gringos. C'mon, kick his chair, man. He'll apologize for having been in your way, man. Que carajo eso gringo . . .

73

Nils

WB8IJN &c

. . . did I mention the bullet-proof box? Oh, remind me later about the grenades-and-gun stash that just showed up on campus. Stupid gringos.

Date: Tue, 10 Jun 1997 20:35:03 -0400
From: timcook@erinet.com
To: QRPL <qrp-l@Lehigh.EDU>
Subject: [21191] FS/TRADE: Datong Audio Filter
Message-ID: <339DF2B7.52CD@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Top of the line audio filter a few years ago. Still manufactured. Analog audio filter HP/LP/BP/NOTCH (manual and automatic), RTTY/CW/SSB fully adjustable. with power supply. sold for over \$300, asking \$100. Great addition for those qrp rigs. Would prefer trading it for a 40M QRP rig such as a Wilderness 40A or OHR Explorer I or II. Please email for more info/offers of trades...

thanks

Tim

NZ8J

Date: Tue, 10 Jun 1997 20:43:43 -0400 (EDT)
From: MSU1972@aol.com
To: qrp-l@Lehigh.EDU
Subject: [21192] 38s
Message-ID: <970610204330_1417859418@emout03.mail.aol.com>

I have to brag for this little unit again...after a number of suggestions I decided to try the Toshiba AC adapter with the 38s in place of my Daiwa regulated power supply preparing for my upcoming week in FLA.

Its rated at 12v @ 2.5amp...it was for the battery charger for the notebook...

It works great!...first try (after checking sound of signal on another receiver) got a 599 from GA and as usual had to turn down the 5k pot because the audio was blasting the Radio Shack mono earphones...

Still thumping though...

David, KB80CC

Date: Tue, 10 Jun 1997 18:24:23 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list server" <qrp-l@Lehigh.EDU>
Subject: [21193] 50/40/30 call
Message-ID: <199706110127.UAA18098@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

We still need volunteers from the following states:

FL
IL
KY
LA
ME
MD
NV
NH
NM
SD
UT
VT
WY

If you are in one of these states, please volunteer one evening to help fellow QRPers gather their states for WAS. If you know of a QRPer in one of these states and can volunteer him or her, please send me a message.

Thanks,

Mike K1MG
mgipe@reliablemeters.com

***** Announcement of the 1997 *****
50 States on 40 and 30 Meters (50/40/30) WAS challenge

Greetings to all on QRP-L,

The purpose of the 50 states on 40 and 30 meters WAS challenge is to provide an opportunity for members to finish off their personal QRP WAS goal over the next year while still maintaining a balance between work, family, and ham radio. It is also an opportunity for members to complete QRP single band WAS, starting with 40 meters.

Will you accept the challenge to work all fifty states on forty meters using QRP in 1997?

Here's how it works:

Volunteer operators in each state will be on 40 meters and 30 meters for two hours each in the evening. 50/40/30 operations will be scheduled for Tuesday and Thursday evenings each week (local time). Each week will have two states to work. To make things easier to remember, all 50/40/30 operations will take place at the same time unless unforeseen problems force a change, so keep your eyes open for announcements. The normal operating schedule is Wednesday and Friday (UTC), 30 meters: 0000Z to 0200Z, and 40 meters: 0200Z to 0400Z.

Forty meters is the main band used for this challenge. Thirty meters is added as a special treat, but 30 meter QSOs will not count for the prizes. Even those OTs who worked all fifty states fifty years ago know how hard it is to do it all on one band. Here's your chance.

The exchange is CALLSIGN, RST, STATE/PROVINCE/COUNTRY, NAME, POWER. The state will call CQ WAS QRP de KL... All QSOs are limited to 5 watts or less, of course. Only fully completed QSOs with all the information will count for the awards, though partial exchanges may qualify you for other organizations' wallpaper. (QRPers like to do things the hard way!)

Speaking of awards, there will be certificates issued to those who work 30, 40, or 50 of the states. In addition, the station who works the most states will receive a brand new 38 SPECIAL kit for his or her effort! (In case of a tie, a random drawing will select the award winner.) The noble volunteers who represent a state will also be entered in a separate random drawing for a second 38 SPECIAL transceiver kit.

The state's logs will be posted here on QRP-L, and a monthly update of

status will also be posted.

Fifty on Forty and Thirty will begin very soon. The exact schedule will be posted Real Soon Now, but the first state to appear will be on March 19 UTC (that's March 18 US time). There will be two states each week until the beginning of September. That will give you a few weeks to catch your breath before fox hunting begins again. The states will be scheduled in random order.

Stay tuned for more information.

***** PATRIOTIC CALL TO DUTY *****

There are still a few slots open for state representatives, so accept the challenge!

This is a call to your sense of patriotism! Statesmen, Stateswomen, and Statedudes are called to represent your local state in the diplomatic exchanges scheduled for 1997. Here is your opportunity to rise above the status of common citizen to the glory of higher office and national service. We want you! History awaits you.

Please email K1MG (mgipe@reliablemeters.com) to volunteer your service. Operators from all states and all levels of experience are needed, so volunteer today. Who knows, you might actually work all 50 states in ONE NIGHT!

50/40/30 or fight!

Mike K1MG
Saratoga, CA

Date: Tue, 10 Jun 1997 19:16:40 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list server" <qrp-l@Lehigh.EDU>
Subject: [21194] 50/40/30 schedule
Message-ID: <199706110219.VAA20942@multi13.netcomi.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Here is the latest update to the 50/40/30 schedule. Please check the upcoming states because there have been a few changes.

50/40/30 schedule:

UTC Band

0000-0200 30
0200-0400 40

Date (LOCAL)	State	Call Name
10 June	CT	AA1MY/N1ST SEAB/SCOTT
12 June	SC	N4NK LES
17 June	GA	K4JPN STEVE
19 June	CA	WE6W ED
24 June	ID	AB7TK RANDY
26 June	NE	WB0QQT STEVE
1 July	MI	WA8LCZ BYRON
3 July	WA	WA20CG MICHAEL
8 July	WI	AE9K BRIAN
10 July		
15 July	WV	W9XN/8 MARTIN
17 July	PA	NR3Z MARTIN
22 July		
24 July	NC	KF4AR RICK
29 July		
31 July		
5 August		
7 August		
12 August		
14 August		
19 August		
21 August		
26 August	KS	N5CLU STEVE
28 August	MN	K0EVZ DOC
2 Sept		
4 Sept		

Date: Tue, 10 Jun 1997 19:20:32 -0800
From: svecbrdk@well.com (L.Svec,W.Burdick)
To: qrp-l@Lehigh.EDU
Subject: [21195] Notes from the Wilderness: SSTs started shipping today
Message-ID: <199706110219.TAA08533@smtp.well.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The first batch of 33 SST kits went out today!

This has been a complicated effort for Bob Dyer (proprietor of Wilderness, KD6VIO), given that there are four different versions of the kit. I have thanked him for working hard to get them shipped in time for Field Day, and only a week beyond our original projected shipping date, which was my fault, anyway.

Bob tells me that he's kitting non-stop and hopes to have them all out within a few days.

On another note: As most of you know, Bob has not been on the internet much, partly because he's been too busy. I'm happy to report that he's going to be joining us all in Cyberspace immediately upon shipping the entire batch of SST field-test kits. (Not that his work load has lightened.... :) He tells me that he's going to post a substantial note to QRP-L, something of an introduction, I'm sure, but also something personal. Look for "QRP Bob" in the subject heading :)

73,
Wayne
N6KR

Date: Tue, 10 Jun 1997 21:39:58 -0400
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Cc: VHF Mailing list <vhf@w6yx.stanford.edu>, eax@w3eax.umd.edu
Subject: [21196] NF3I mobile noise, more help wanted
Message-ID: <Pine.3.89.9706102133.N4065-01000000@w3eax.umd.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I have now placed a nice, big, FAT capacitor on the B+ line from the alt. No improvement, but it can't hurt. At least the power line will be nice and quiet.

Of course, with no antenna hooked up, there wasn't any noise anyway.

Exhaust system grounding dropped it from S9 to S5 on 20m.

How 'bout this:

Freq - 7 MHz. Stick shift, 4 cyl. Multi-point injection.

Test 1...popping noise always proportional in freq. to engine speed.

Car in neutral, lights off - no appreciable noise at ANY revs.

Car in neutral, lights on - low level of noise!

Car in gear, no lights - higher level of noise!

Car moving, but in neutral - no noise unless lights are on.

Now for the kicker:

Car in gear... noise is proportional in AMPLITUDE to AMOUNT OF ACCELERATION DESIRED! Since it's a stick, the only way to increase power is to adjust the mixture (i.e. MORE FUEL, MORE AIR).

I now suspect the multi-point injection system. Ferrite beads, anyone??? The wires are taped up :(and hard to separate, let alone identify...

Test 2 - SNIFFING WITH A WALKMAN

HUGE popping sound above the ignition system.

Computer-style hash near computer, but not too loud.

Very loud near the heavy hood grounding braid!?!

Noticeable near the grounded antenna brackets (rear of car, grounded to frame rails)

THANKS TO ALL FOR ADVICE RECEIVED TO DATE!

My car is looking like (patched) swiss cheese.

Yes, I'll put a few more braids on the hood.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *

*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***

** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

Date: Tue, 10 Jun 1997 23:57:24 EDT
From: tahrens1@juno.com
To: qrp-1@Lehigh.EDU
Subject: [21197] Sierra Receive signal Flutter - Help?
Message-ID: <19970610.215154.4927.1.tahrens1@juno.com>

I've noticed a slight flutter on received signals
on my Sierra. This does not appear on a transmitted
signal when monitored by another receiver.

Anybody else seen this problem? I is not really
severe, yet it makes a good signal kinda funny.

Thanks!

Tim W5FN

Date: Tue, 10 Jun 1997 21:04:40 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [21198] [Fwd: Re: NF3I mobile noise, more help wanted]
Message-ID: <339E23D8.39B2@worldnet.att.net>
MIME-Version: 1.0
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Message-ID: <339E232C.69F9@worldnet.att.net>
Date: Tue, 10 Jun 1997 21:01:48 -0700
From: Norm Melick <henmel@worldnet.att.net>
Reply-To: henmel@worldnet.att.net
X-Mailer: Mozilla 3.0 (Win16; U)
MIME-Version: 1.0
To: ham@w3eax.umd.edu
Subject: Re: NF3I mobile noise, more help wanted
References: <Pine.3.89.9706102133.N4065-0100000@w3eax.umd.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Scott,

> Test 1...popping noise always proportional in freq. to engine speed.
> -----
> Car in neutral, lights off - no appreciable noise at ANY revs.
> Car in neutral, lights on - low level of noise!
> Car in gear, no lights - higher level of noise!
> Car moving, but in neutral - no noise unless lights are on.
>
> Now for the kicker:
>
> Car in gear... noise is proportional in AMPLITUDE to AMOUNT OF
> ACCELERATION DESIRED! Since it's a stick, the only way to increase power
> is to adjust the mixture (i.e. MORE FUEL, MORE AIR).

I'd ground the transmission if it were me. Works in the Helicopters I fly. Bell Helicopter did a major paper on transmission noise and how it affects radios. Transmission noise is indicated by a high freq. noise, and vibration.

Couldn't hurt, and is easy to do.

Good Luck,

Norm

Date: Tue, 10 Jun 97 21:10:07 +0000
From: tgordish@concentric.net
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [21199] Vibroplex info PLSE
Message-ID: <199706110409.AAA09526@marconi.concentric.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

QRP Folk,

Tried to work AA1MY in CT tonight. Don't know if he ever got my full call. He was having a ruff time pulling my out of the QRP with only a 229 signal. The band is very bad tonight, so I decided to try out a Vibroplex Lightning Bug that I am considering trading W7FXH for my MFJ Deluxe Versa Tuner II model MFJ-949E. Using the bug is a real trip, seeing as I have only used a straight key up until now. I am sure that this si a good trade, but was wondering if any of you Bug experts could

tell me anything about it. It is marked as STANDARD with a gray base and chrome workings. It has a brass(?) name plate with the serial number 217783 stamped on it and the little bug on it is painted metallic red. It doesn't look like the modern design. Does anyone know how old this is and what it is worth.

The MFJ tuner is no loss to me seeing it is so big, and is so much more than what I will ever need. I am hoping to replace it with a home brew device built into a General Foods International Coffee can. I would like to combine the ScQRPion SVSI from QRPP with a simple antenna tuner consisting of an air variable capacitor and a multi tapped toroid.

72 and hope the band condx are better tomorrow,

Tim & Aretta Gordish
KB9LGJ & N0YDG
Yuma, AZ

All the nations may walk in the name of their gods, we walk in the name of the Lord our God for ever and ever" Micah 4:5

Date: Wed, 11 Jun 1997 00:25:51 EDT
From: kc5moe@juno.com (John E Hutter)
To: dolsonj@ix.netcom.com
Cc: qrp-1@Lehigh.EDU
Subject: [21200] Re: QRP Contest Rules are Messed Up - Food for Thought
Message-ID: <19970610.232846.9095.1.KC5MOE@juno.com>

On Mon, 09 Jun 1997 08:43:55 -0400 Jim Dolson <dolsonj@ix.netcom.com> writes:

<snip>

>Finally, some people just don't like CW. Maybe if the amateur
>community knew that QRP does not necessarily equate to CW, we
>might get a few more QRPer's.

Personally, I don't care for phone (brings back memories of too many firefights I suppose) and the one and only time I've used it as a ham was manning a checkpoint at a bicycle event with a borrowed 2m HT but you've got to admit Jim makes an excellent point with this one.

72/73 de KC5MOE -- John

Date: Tue, 10 Jun 1997 22:35:21 -0600
From: AE0Q V31RY <v31ry@ix.netcom.com>
To: tgordish@concentric.net, qrp-1@Lehigh.EDU
Subject: [21201] Re: Vibroplex info PLSE
Message-ID: <2.2.16.19970611043521.1ecf92ee@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 21:10 10-06-97 +0000, KB9LGJ wrote:

snip
>I decided to try out a Vibroplex Lightning Bug that I am considering trading
snip
>tell me anything about it. It is marked as STANDARD with a gray base
>and chrome workings. It has a brass(?) name plate with the serial number
>217783 stamped on it and the little bug on it is painted metallic red. It
>doesn't look like the modern design. Does anyone know how old this is
>and what it is worth.

I don't know what it's worth, but it was made in 1961.. The production of
the Lightening ran from 1927 to 1980.. Got the info from the Spring 1997
QCWA Journal, there is a detailed article on the history of Vibroplex products..
Hope that helps a little!

73 -- Glenn

"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com --SOWP 5558-M, QCWA LM, ARRL LM, NCVA--
<http://www.qsl.net/ae0q>

Date: Wed, 11 Jun 1997 00:18:19 -0500
From: Carl Pokorny <k0cb@nava-link.net>
To: qrp-1@Lehigh.EDU
Subject: [21202] Renewal
Message-ID: <339E351B.56ED@nava-link.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

At this time it looks like a renewal takes about 2 to 3 weeks. Just received my license . I mailed the 610 in late May, so turn-around time is not too bad.

73

Carl K0CB

Date: Wed, 11 Jun 1997 01:29:02 -0700
From: "Floyd Soo, W8RO" <hires@rust.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [21203] MEGA QRP Field Day
Message-ID: <339E61CE.E0@rust.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Sorry I may not have made my statement clear about the largest Field Day in North America. That was according to the ARRL with regard to the several hundred folks that signed in on our guest register for several years, NOT the number of stations we were running at the time! Sorry about not making that distinction!

--

72,

Floyd Soo, W8RO

Past President, USECA

Net Manager and Board Member, Collins Collectors Association

QRP-L #392

hires@rust.net

<http://www.rust.net/~hires>

Date: Wed, 11 Jun 1997 00:32:43 -0700
From: w_hill@ns.net (Ward Hill)
To: qrp-l@Lehigh.EDU
Subject: [21204] NorCal 40A Mods
Message-ID: <v01540b02afc4047cd360@[204.119.242.26]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Is there a list of mods for the Norcal 40A?

Any help would be appreciated.

73,

Ward Hill - WA6FUH
w_hill@ns.net
Life Member ARRL
QRP-L #1117
WA6FUH@N0ARY.NOCAL.CA.USA.NA
EX-CHINA LAKER
Engineer @
Channel 3 KCRA (NBC) &
Channel 58 KQCA (UPN), Sacramento, California

Date: Wed, 11 Jun 1997 04:21:54 EDT
From: wa5whn@juno.com (Jay D Miller)
To: qrp-l@Lehigh.EDU
Cc: larsennc@alaska.net, w5bi@flash.net, ki6ds@telis.org
Subject: [21205] de WA5WHN/KL7 (Propagation)
Message-ID: <19970611.022612.4559.0.wa5whn@juno.com>

QRP-Lers,

Doug - KI6DS has always said that the QRP enthusiasts are a step above the others & I would concur. I would like to thank Jim (AL7FS) & Nancy (KL7NY) Larsen for their kindness & hospitality extended to my Wife (WB5LYJ) & I, in Anchorage, this last week. Their photo will be posted on the W5BI URL (<http://www.flash.net/~w5bi/>) later, along with a panoramic photo of the mountains on top of Jim & Nancy's tower.

Now, listening to the rest of the world, from Nancy & Jim's QTH, mid day, on 40 meters, JA's were S-7+ into maidenhead grid square: BP51cc. On 20 meters, mid day, (Anchorage, Alaska is UTC minus eight hours, during the summer), very few signals, in fact, the only stations that Jim is copying is the US West Coast (beacons). There is nothing above 14.060 MHz (Remember those AMTOR/RTTY/PACTOR signals above 14.060 MHz ??). 30 meters is dead, no RTTY on 10.106 MHz. It would appear that the propagation, during the solar minimums, into grid square BP51, is the US West coast, on 20 meters & it is very rare to work any station east of

the Pecos River. JA's S-7+ on 40 meters mid day was impressive to me, but as Jim had informed me, Japan is only 2,000 miles away. From my QTH (DM65qd) to Jim's place (BP51cc) is 2,597 miles. Jim & I had talked about an Alaska to NM propagation study. Anyone else want in on this ? Jim tells me that when the Solar Cycle improves, the east coast of the USA can be worked, along with Europe.

I think the model for the modern day MUF software programs are correct for the lower 49 United States & everyone between 50 degrees N & 50 degrees S on the planet. (HF), but those rules change for SE Alaska. Jim has been stating this in the group, but I had to observe this first hand. BTW, I will let Jim tell you about his station, but I had observed 2 kits, (WM-2 & K1BQT designed 20 xcvr kit) in the process of being built.

Arriving into Anchorage, @ 0100 local time, and finding the Sun out (Summer only) takes getting used to. Taking the Alaskan Railroad from Anchorage to Seward was a real treat too.

We have a spot to operate from in Ketchikan, Alaska for the next NorCal QRP To The Field ("Dolly's House", of historical significance, I have photos to prove it. ;-))

Again, my thanks to Jim & Nancy for pointing us to the view from Flat Top Mountain (Anchorage), which we had chatted back & forth from on VHF (1 watt), plus the pointer to the superb bakery in Girdwood, Alaska, and pointing us to the fishing holes in the Kenai Fjords (50+ lbs. Salmon).

72...Jay, WA5WHN

Date: Wed, 11 Jun 1997 11:53:10 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [21206] MFJ-969 Tuner
Message-ID: <199706111053.LAA06306@chuck.dallas.sgi.com>

MFJ just recently came out with a new tuner model number MFJ-969 and has the title of Deluxe Versa Tuner II. Unless you have not been reading the radio magazines lately or seen the MFJ catalog, this is the new 300W rotor inductor tuner.

I won't list all the specs here, as I don't have them sitting in front of me, but if this group really really needs them spelled

out, I can do it. The quality is nice. I think Martin F. Jue is listening. The PC boards are double sided solder masked silk screened green boards. Soldering techniques have been improved also. The rotor inductor is nicely done and smooth. Real neat trick MFJ uses to reduce inductance for high frequencies.

Now, one just might wonder why any QRPer would want such a large critter (TX talk for a large piece of equipment) sitting on top of the desk next to some rig that is about 1/10th the size of the tuner. Well, large coils have low losses and losses are bad news for QRPers.

The neat thing about rotor inductors is that you can tune more accurately than with a switchable inductor that only has only 12 positions. The rotor inductor has an infinite number of positions or more than I want to count.

The tuner is 27cm wide, 25.5cm deep, and 10cm high measured from desk top to top of the tuner thus including the feet. So it is not exactly small.

OK, it's 4 am and I'm up early and decide to remove the old trusty MFJ-941C from the antenna and try the new 969. Get out the MFJ-249 to aid in the tuning and setting of the tuner for 40, 30, 17, 20, and 12M. Got the GM-30 sitting on the desk, so let's try 30 meters first.

Using the MFJ-249 I set up the tuner for 1:1 SWR reading. Hey, this tuner allows me to set it much closer. With the GM-30 on and key down I can get less than 1mW indicated reflected with 900mW forward. No wonder there is no AK, was 50mW short for some period of time. :-)

Now, most people would stop here, but no, not Chuck. I push the QRL? button on the CMOS III (you have to program that one), now like someone is going to be on 30M as this crazy hour. What the heck, I'll call CQ just to watch the meters move on the OHR WM-1. I do this ONE time and I get a ? DE KM5.. So we have a QSO for about 9 minutes and Ben has to take off for work. Didn't ask him why he had to leave as such an early hour but his being in MS he must be a fisherman. So rack up another one on 30 meters and another state. Forgot to update the signature file. Will do that after this posting. The GM-30 racks up another one, thanks Dave, NN1G.

So for \$179.95 list price (I got this one a Dayton from MFJ at list price, but some dealers will have them somewhat discounted at swap meets, see a later posting coming on the Morse Tutor)

I don't think you can go wrong on this one.

It uses a 9V battery for the metering, but it only has 30W and 300W ranges which I find useless for QRP levels at which I run.

The turns counter has a small rubber belt drive and if you run the dial at a rapid rate, I find that sometimes the belt pops off.

So tune slowly.

So for this summer we'll use this tuner on the desk and see just how well it works on all bands with a 30M wire fed with 300 ohm window line and 10M counterpoise. This is the same antenna you will remember my having removed the spiders (now living in the trees) from the center egg insulator to get back to operating.

So after 1 month without much activity on the air it is now time to go out and propagate. Be there be square. Looking for 38S's.

FYI

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

Date: Wed, 11 Jun 1997 08:27:05 -0400 (EDT)
From: Bigbob97@aol.com
To: Ken@dps.state.ny.us, QRP-L@Lehigh.EDU
Subject: [21207] Dripless oil ?
Message-ID: <970611082704_-927081521@emout15.mail.aol.com>

Hi all !

OK I'll bite - is there really a miracal product, called Dripless Oil, for unsticking aluminum tubing? I couldn't find it in the store and quite frankly I felt stupid asking! So, either this was a good joke (which I can appreciate) or I would like to know where to get some!

Tnx,

73,

Bob WB2DHK

Date: Wed, 11 Jun 1997 08:36:29 -0400
From: Jeff & Bea Hahn <jhahn@bellatlantic.net>
To: qrp-l@Lehigh.EDU

Subject: [21208] Yaesu FRG 7
Message-ID: <339E9BCD.5572@bellatlantic.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone know the value of, or where I can go to learn the value of, a Yaesu FRG 7 short wave receiver in like new condition?

Thanks

Jeff Hahn, KR4YS

Date: Wed, 11 Jun 1997 08:42:32 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [21209] Re: Dripless oil ?
Message-ID: <339E9D38.7C58@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bigbob97@aol.com wrote:

>
> Hi all !
>
> OK I'll bite - is there really a miracal product, called Dripless Oil, for

Never heard of it. Seems to me you might be better off with tapping fluid for aluminum, which is a very low viscosity liquid...

Works great for helping cutting tools from becoming stuck to aluminum--Zack Lau W1VT FN33KD Mt Equinox (VT, where else?) (50 MHz to 24 GHz in the VHF contest)
> unsticking aluminum tubing? I couldn't find it in the store and quite
> frankly I felt stupid asking! So, either this was a good joke (which I can
> appreciate) or I would like to know where to get some!
> Tnx,
> 73,
> Bob WB2DHK

Date: Wed, 11 Jun 1997 09:12:32 +0100
From: "Bob Duckworth" <wb4mnf@atl.org>
To: <v31ry@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <qrp-1@Lehigh.EDU>
Subject: [21210] Re: Vibroplex info PLSE
Message-ID: <199706111310.JAA02950@atl.org>

I can tell you what it is worth to me if you decide you don't want it. \$50 plus postage. I had one when I was maritime mobile in the Pacific and lost it over the side while transferring ship to lighter. IMHO, it's got the best feel of any commercially manufactured bug (Speed-X being a close second).

-bob

wb4mnf (Ponce Highlands, 2 miles East of Ga Tech, Atlanta)

Date: Wed, 11 Jun 1997 09:48:04 -0400
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [21211] Anyone use TNT or Carolina Windom?
Message-ID: <199706111346.JAA39655@nss2.CC.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Gang,

In order to cut down on equipment needed and to conserve antenna space and to eliminate twin lead I will be getting either a TNT/2 from Antennas West or the Carolina Windom/2 from RadioWorks. I have never talked with anyone who used either nor have I ever used a Windom of any flavor. I would like to know-

- 1) can I really expect reasonably low SWR (i.e. <3:1) on 40/20/10 M over all of the band? (I will be using a delta loop for 15M)
- 2) is either one preferred due to construction quality? I suspect that the TNT will last a long time due to its WX sealing and insulated wire.

Thanks in advance as usual.

72, Mark N2VPK
Member of the Buffalo QRP Connection
WIMPS: Qs=25/0/0 30m=25 17m=0 12m=0 States=15/00/00 DXCC=06/00/00

Date: Wed, 11 Jun 1997 13:54:57 +0100
From: "Brian K. Short" <KE7GH@primenet.com>
To: jhahn@bellatlantic.net
Cc: QRP-1@Lehigh.EDU
Subject: [21212] Re: Yaesu FRG 7
Message-ID: <3.0.1.32.19970611135457.007087a4@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Does anyone know the value of, or where I can go to learn the value
>of, a Yaesu FRG 7 short wave receiver in like new condition?

While just a indicator of value, what you can do is go to DejaNews
and search for the item and see what they have been advertised for
on the newsgroups. Use both "current" and "old" searches.

<http://www.dejanews.com>

Brian K. Short k7on@qsl.net QRP-L #1031 NC38s (602)839-3484
WIMPS: Qs=060 30m=60 17m=0 12m=0 States=28/00/00 DX=03/00/00

Date: Wed, 11 Jun 1997 07:25:27 -0600
From: Steve Galchutt <N0TU@webaccess.net>
To: qrp-1@Lehigh.EDU, tentec@contesting.com
Subject: [21213] Re: Older TTgear Info...so far
Message-ID: <339EA747.282B@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK TT Gang!.....here's TT info that I've received from folks on the list
so far! I'm trying to put it into some logical order via model #s. I'm
ignoring accessories for now. Adding them could make for another loonng
list!(later) But still need help with filling the blanks(?) and actual
hard copy of reviews and photos for scanning/ORCing.

Many tks to:
Ron VE3SP, Steve NW9G, Larry N1SHM, Skip NC90, Jim KF4HK, Jim K4CGY, Jim
K4ZM

Model #	Name	Year Introduced	Referenced (QST)
---------	------	-----------------	------------------

```

-----
509      Argonuat      ?      ?
515      ?
525      ?
535      Argonaut II      January 1992, p. 77.
535/580? Delta II      same as above
544      Triton?      July 1979, p. 45.
545      digital "
?
?      Century 21
?      Century 22
?      Paragon
?      Omni A?
?      Omni B
?      Omni C
?      Omni D      ?      January 1980, p. 47.
555      Scout      December 1993, p. 77
556      Scout/QRO      same as above
561      Corsair II      August 1987 p. 32.
562      Omni V      November 1990, p. 33.
?      Omni VI      January 1993, p. 65.
-----

```

...as you can see I missing some data...and have misinformation...
any help would be appreciated. I will use this index for a webpage.

Thank you all for your help!!! Steve/N0TU

```

-----
"Doing it with more skill and knowledge..... and alot less power!
N0TU/hw8/49er/NW8020/SW40/38s/solar/backpack-mobile... QRP-L # 911
My homepage - http://www.webaccess.net/~S&P      ARS# 206 CQC# 394

```

```

-----
Date: Wed, 11 Jun 1997 14:10:18 +0100
From: "Brian K. Short" <KE7GH@primenet.com>
To: msadams@acsu.buffalo.edu
Cc: QRP-l@Lehigh.EDU
Subject: [21214] Re: Anyone use TNT or Carolina Windom?
Message-ID: <3.0.1.32.19970611141018.00711020@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

```

I used a Carolina Windom (133' version) on 80/40 mostly. It was a very good 40m antenna. Good on 80m, too. SWR on 80 and 40 was good, too. It can be pruned for your operating preferences.

As a note of caution, I used mine QRO (with an amp even) and on 80m I would get "RF in the shack." This is an "unbalanced" antenna, fed off center and even with the supplied "line isolator" there was more RF in the shack. At QRP levels, this wouldn't be a big deal?

Can't speak about the half size version, sorry.

>In order to cut down on equipment needed and to conserve antenna space and
>to eliminate twin lead I will be getting either a TNT/2 from Antennas West
>or the Carolina Windom/2 from RadioWorks. I have never talked with anyone
>who used either nor have I ever used a Windom of any flavor. I would like
>to know-

>

>1) can I really expect reasonably low SWR (i.e. <3:1) on 40/20/10 M over
>all of the band? (I will be using a delta loop for 15M)

>

>2) is either one preferred due to construction quality? I suspect that the
>TNT will last a long time due to its WX sealing and insulated wire.

Brian K. Short k7on@qsl.net QRP-L #1031 NC38s (602)839-3484
WIMPS: Qs=060 30m=60 17m=0 12m=0 States=28/00/00 DX=03/00/00

Date: Wed, 11 Jun 1997 14:13:57 GMT
From: mdwatt@usit.net (Marty Watt)
To: qrp-l@Lehigh.EDU
Subject: [21215] Receiver testing ...
Message-ID: <339fb1c3.53800826@smtp.usit.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

I was thumbing through the WRTH (World Radio and TV Handbook) the other day, and there is an interesting article on receiver specs and testing. Seems they disagreed with a manufacturer in a review, and got in some hot water. The article explains what / how they test, and what the results mean. It's a pretty good primer on receiver specs and testing. Higher numbers do not necessarily mean better receiver ...

I'd recommend it highly to anyone, particularly those on the list. Would be interesting to see how well our receivers stand up in the lab to the commercial jobs!

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq

Date: Wed, 11 Jun 1997 11:13:21 EDT
From: tahrens1@juno.com (Tim H. Ahrens)
To: qrp-l@Lehigh.EDU
Subject: [21216] Sierra Warble on Receive
Message-ID: <19970610.101355.9087.0.tahrens1@juno.com>

Roger - thanks for the information.. Yes, I had just finished up the KC2 and installed. I didn't have that problem with the first one I built about a year ago.

- Note to qrp-l - Juno had dropped my original reply to Roger.. he told me what page in the KC2 manual this is mentioned in... he reduced the 10pf Cv to 6pF, and the problem was fixed.

I've been in customer service long enough, and have told enough people to read the manual.... guess I should take my own advice! Anybody else need to read the manuals too? hehe :-)

thanks all!

Tim W5FN

Date: Wed, 11 Jun 1997 08:43:05 -0800
From: svecbrdk@well.com (L.Svec,W.Burdick)
To: "Paul Christensen" <paulc@mediaone.net>
Cc: qrp-l@Lehigh.EDU
Subject: [21217] Re: Extending the SST Frequency Range
Message-ID: <199706111542.IAA09362@smtp.well.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Paul,

To get 40 kHz from the SST you would have to modify the VX0, making it a VFO instead. The 40-meter version is the only one that this would work on, since it's the only band where the VFO freq. would be low enough to be stable (i.e., about 3MHz). I have not attempted this, partly because the rig is not intended to be a be-all radio. I'm sure someone will, eventually.

You'd have to use the varactor tuning, still, but add a large toroid and a few polystyrene caps, then hand-adjust the toroid until you get to the desired range. One problem is that the VX0 tuning pot is a small one, not really suitable for tuning a wide range because it is mechanically not as "clean" as a larger pot. You might be able to find a small 10-turn pot that fits in the same space, but it won't be easy.

73,
Wayne

>Wayne:

>

>Do you think it will be reasonably possible to extend the frequency range
>of the SST in a similar manner as the Norcal 40? In a previous posting,
>you indicated that limited extended coverage was possible by "bending" a
>second crystal or varactor position and adding a switch.

>

>It would sure be nice to have the 40M version cover 40 or 50 kHz! What do
>you think?

>

>-Paul, W9AC (Ex-N9AZ)

Date: Wed, 11 Jun 1997 09:00:31 -0700
From: Bill Todd <bill@techline.com>
To: nwq-1@scn.org
Cc: qrp-1@Lehigh.EDU
Subject: [21218] NW QRP Club Mtg this Sat.
Message-ID: <1.5.4.32.19970611160031.006b6680@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings QRPers -

This Saturday is the next NorthWest QRP Club Meeting in Seattle, at we'd be glad to see you there! We meet at Andy's Diner, on 4th Avenue in Seattle at 10 AM (remember to enter the restaurant in the rear - the front door doesn't open til 11 AM).

Saturday's meeting will feature discussion of this years' Field Day operation in Bay Center, WA,

Be sure to bring your show n' tell projects, because I'll be bringing along my (at one time VERY expensive) Tektronix #551 Dual Trace scope to help you in the fine tuning of your equipment - can you believe it? <g>.

See you there!

CUL - Bill-N7MFB
<http://www.techline.com/~bill>

Date: Wed, 11 Jun 1997 10:29:54 +0000
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: Bigbob97@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [21219] Re: Dripless oil ?
Message-ID: <199706111630.KAA07904@lynx.csn.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

You'll probably have no trouble finding "penetrating oil;" one brand is called "Liquid Wrench."

73

Marshall Emm
AA0XI/VK5FN
aa0xi@mtechnologies.com
<http://www.mtechnologies.com/mthome>

Date: Wed, 11 Jun 1997 12:39:58 -0400 (EDT)
From: Scott Bauer <ke3nv@erols.com>

To: qrp-1@Lehigh.EDU
Subject: [21220] Attn: Fists members
Message-ID: <199706111639.MAA19539@smtp2.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just wanted to thank everyone that let me know you also belong to Fists CW Club. I was going to respond to each person that replied but I have over 70 names on my list as of now and more are coming in.

I would like to remind anyone that does not know about the Special price Roy Gregson of Emtech is offering Fists members.

Emtech NW series xcvr with case and filter is \$120.00 shipped to your home. 20, 30, 40 and 80 meters is available. This kit is complete, nothing else to buy.

Emtech is also offering a 10 percent discount on his ZM-1 tuner.

This offer is good to all Fists members and there is no time limit.

Thanks again !
72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV
Fists 1502 QRP Nut SWL Truck Pilot ARRL
Current QRP rigs: Green MTN 10, 15, 17& 20, HW-8, GQ-40
S&S Eng ARK-20, ARK-30, ARK-40, TAC1-80. Emtech NW-8030
MXM simple XCVR 49er, 38 special at 300mw
visit my web page at <http://www.erols.com/ke3nv/>
QRP-L 728

Date: Wed, 11 Jun 1997 09:52:59 -0700
From: Ed Loranger <we6w@qsl.net>
To: Bigbob97@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21221] Re: Dripless oil ? ANSWERS!
Message-ID: <339ED7EB.6331@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Almost fell outta my chair laughing. It hit me that this might sound really strange if one had never heard of it!

No, really, My son Chris, kf6jxb, has this little 6 oz bottle calle "Dripless Oil". It is a dark blue bottle with a little spout that flips up. The oil is thinner than any other I have found.

Just 2 or 3 drops on a VERY STUCK aluminum antenna pair was easily separated by hand. I was actually amazed. I usually swear by PTFE products. (Slick 50).

This is not a joke. I'm sure other oils might work. But the dripless oil surprized me.

WHY is it dripless????

Well, this refers to what remains AFTER application. You see, most of it coats, then dribbles off onto your catch rag, etc. What remains wont drip!

Hope this clears things up!

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/Norcal#2227/ARCI#????

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Wed, 11 Jun 1997 11:41:59 -0500

From: Mark Arvidson <arvidson@swbell.net>

To: "'QRP-L Mailing List'" <qrp-l@Lehigh.EDU>

Subject: [21222] Nils Bull Haikku site! (not QRP)

Message-ID: <01BC765F.517739B0@ppp-207-193-4-140.kscymo.swbell.net>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: quoted-printable

Not QRP, but I couldn't help but pass along a random Haikku generator. =
Odd that a randomly generated collection of gibberish reminds me so much =
of Nils Bull posts. To wit:

are you sure, mulder?=20

stay on target. deft hyuk hyuk.=20

my brain is empty.=20

i'll wax the cats. ow!=20
communist plot you're fired! dark=20
jolly joy wide smock=20

bam! tamely guileless=20
inanely i can walk! cleansed=20
don't run with scissors.

this tastes like chicken.=20
cheat bureaucracy bicker=20
it's me, mario! asphalt=20

wherefore art thou, man?=20
bluntly that was the last one.=20
afterschool special=20

Date: Wed, 11 Jun 1997 08:48:07 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [21223] RE: QRP-L digest 751
Message-ID: <01BC7644.30C1EB40@pps-pc10.gwl.com>
Content-Type: text

I picked up a set of 1981 QST's at a ham fest. Being new to hamming I was quite disappointed in what I found. It was full of articles that I could understand, things I could build and articles I could enjoy reading. The current QST seems a lot more political, boring and when it does have a project, you need to special order some expensive parts or have a junk box that has been stocked for 20 years. This would be OK if my level of building was to the point I knew it was going to work when I got done, but I'm not there yet and don't have a basement full of great stuff (we'll its full of great stuff but none of it is Ham great stuff).

I belong to ARRL caus it seems to be the correct thing to do. But when I get QST and '73 in the mail. I put the QST by my bed and read '73 (if nothing else I get a kick out of Wayne, by the way did he ever get on the Comet?)

Just a No-Code entry Tech+ (part of the LARGEST growing group of hams) and his opinion.

de KBØROL, Brad

Control of the CQC N/T+ Field Day Team. Gee, if I'm in control we are

going to have a GREAT TIME - TOGA, TOGA, TOGA.

XX

I recently ran across a box of old ham radio mags from the mid 70's (included the 1 year anniversary issue of BYTE, too). The technical content of QST was much higher than it is now . . . much closer to QEX.

Date: Wed, 11 Jun 1997 12:16:07 -0700
From: "Gene A. Williamson" <genewill@ordata.com>
To: qrp-1@Lehigh.EDU
Subject: [21224] Is RS 300-ohm twinlead OK?
Message-ID: <3.0.32.19970611121526.006a856c@ordata.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

GM/GE Everyone:

Been lurking--and learning--here awhile. Thanks to all for many very good QRP suggestions. Now I need some advice:

After having a nasty neighbor tear down my #14 insulated AH6/K7DBV over-the-palm-tree random wire (forcing me to fill in valuable vacation radio time with sailing and snorkeling and other lesser, entirely frivolous pursuits), I'm evolving a small, flexible, solder-free portable antenna "stealth system" to consist of:

- (1) a 1-lb spool of #20 magnet wire (~225ft total);
- (2) a spool of 80lb monofilament fishing line;
- (3) 100ft of 300ohm twinlead/ladder-line;
- (4) a handful of all-purpose, clear plastic ~1/2in x ~2in insulators, cleverly incorporating removable #8 hardware with wing nuts; and
- (5) an MFJ-941C ATU.

This should allow me to quickly put together my choice of near-hidden end-fed random wire, end-fed Zepp, or center-fed doublet, whatever best fits the geography. My question is:

To run between 1 and 100 watts output <I know, I know . . . but sometimes you just GOTTA -- I noticed in XF3, with a rooftop 250ft random

wire, that a pileup would stay the same from 20w to 100w output, but absolutely and instantly disappear below 20w>, do I need to spring for larger, bulkier Saxon or Wireman 300-ohm "transmission line," or will I be just as well off with Radio Shack's finest 300-ohm "foam twinlead"?

Offhand I can't think of a reason in the world why the RS line wouldn't work just fine. Even if it's rain-sensitive, the only rap I can recall on TV-type twinlead, I'm already using an in-line ATU. But every watt does count, and I value the expertise on this reflector . . .

TU! 73 Gene K7dBV genewill@ordata.com
aka ZF2BV, XF3/K7DBV, AH6/K7DBV and long, long ago KN7DBV

Date: Wed, 11 Jun 1997 17:11:20 -0400 (EDT)
From: n4js@amsat.org
To: qrp-l@Lehigh.EDU
Subject: [21225] Found Badger toothmarks!
Message-ID: <XFMail.970611171657.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

Found it! I decided to completely replace the fuel/water separator elements. When I went to get the old gasket out of the groove in the housing....I got back half a gasket! The half had obvious badger toothmarks in it!

New gasket, filters, and it runs fine! Off for some Striper fishing and hopefully a little 20 and 40 meter CW tomorrow. Look for N4JS/MM (I know, not strictly MM unless you're outside the limit) around 14060 and 7040. (Believe it or not, until my SST and/or 38 spl comes, I don't have a "little" rig on 30M. I don't bring the ORP+, OHR400, Argo or HW9 on the boat.)

Sent at 17:16:57 on 11-Jun-97

[illegible]

Date: Wed, 11 Jun 1997 23:04:09 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: tedk4mkx@nmaa.org
Cc: qrp-l@Lehigh.EDU
Subject: [21226] Re: Info re qrp-l
Message-ID: <199706112204.XAA08066@chuck.dallas.sgi.com>

Group,

Some may be having a problem and have forgotten just how to get
just what is available from the QRP-L server.

If you have subscribed, the postponed, and then are reading via the
web or other means and you need to get the list of what is available
then do the following:

send email to `LISTSERV@LEHIGH.EDU`

in the body put

`GET QRP-L WELCOME.TXT`

and this will give you a summary of what is available.

Hopefully I have entered this in correctly and it does work.

Enjoy

FYI

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/>
WIMPS: Qs=033 30m=21 17m=5 12m=0 States=20/05/00 DX=03/00/00 QSLs=012

End of QRP-L Digest 754

